



**RICHMOND ROAD UPGRADE  
ABORIGINAL ARCHAEOLOGICAL ASSESSMENT**

**Addendum to Stage 2 PACHCI Report**

Prepared for Transport for NSW

Blacktown Local Government Areas

June 2020

Ref. 1943

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## Document Information

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## 1 Introduction

### 1.1 Project background

Transport for NSW (TfNSW) propose to extend the upgrade of Richmond Road in Marsden Park, NSW. The proposed upgrade works facilitate and improve connectivity to future residential and commercial development in the Marsden Park and Marsden Park North precincts. It is anticipated that the proposed works will take place within the existing 546 metre wide road corridor, however minor road widening may be required to accommodate upgrade works.

A detailed assessment of Aboriginal heritage was undertaken in accordance with the TfNSW *Procedure for Aboriginal Cultural Heritage Consultation and Investigation (PACHCI) (Roads and Maritime 2011)*. Kelleher Nightingale Consulting Pty Ltd (KNC) prepared a PACHCI Stage 2 report (Richmond Road Upgrade – Elara Boulevard and Heritage Road, Aboriginal Archaeological Survey Report: KNC 2019) to inform the strategic design development and environmental assessment for the proposed works.

Background research and archaeological survey identified four previously recorded Aboriginal archaeological sites (comprising six AHIMS registrations) within the study area. These sites comprise Marsden Park Echo Vale No 2 Riverstone Meatworks (includes MPIA9 and MPAS3), MPAS6, C-IF-1/Clydesdale and C-ST-1. Further assessment was recommended for the overall project.

Subsequent to the completion of the PACHCI Stage 2 report, an additional area associated with flood storage located within the Clydesdale property was identified as requiring Aboriginal archaeological heritage assessment. Adjustment of the project construction boundaries for the proposal have also resulted in changes to the project area along Richmond Road.

KNC were engaged by TfNSW to undertake an addendum Aboriginal archaeological assessment for the additional areas and the altered construction footprint along Richmond Road (hereafter referred to as the addendum study area). The location of the addendum study area is shown on Figures 1 and 2.

### 1.2 Aim of assessment

This report assesses the potential impact of the proposed works within the addendum study area on Aboriginal archaeological heritage. This report is an addendum to the PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard and Heritage Road, Aboriginal Archaeological Survey Report (KNC 2019).

### 1.3 Summary

No Aboriginal heritage objects or areas of potential archaeological deposit were identified in the addendum study area. The addendum study area has been highly disturbed by road infrastructure, drainage and utilities.

The archaeological survey confirmed that MPAS6 (AHIMS 45-5-5003) did not extend into the addendum study area. Sites MPAS6 and previously registered site C-ST-1 (AHIMS 45-5-2753) are located within close proximity to the addendum study area should be avoided by all pre-construction and construction activities. MPAS6 (AHIMS 45-5-5003) and C-ST-1 (AHIMS 45-5-2753) should be demarcated on the CEMP, temporary fencing may be appropriate along the project boundary at this location to ensure no inadvertent impact.

Any further changes to the addendum study area should be assessed for consistency with the agreed Aboriginal heritage management strategy set forth in the PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard to Heritage Road: Aboriginal Archaeological Survey Report (2019). This addendum report should be appended to the Stage 2 PACHCI Report.

Any project works undertaken within the Clydesdale Property should be undertaken in accordance with measures relating to Aboriginal heritage as set forth in the Clydesdale Estate Conservation Management Plan (GBA Heritage 2016).

The proposed works overlap several areas that have been previously assessed for their Aboriginal cultural heritage values and are covered under existing Aboriginal Heritage Impact Permits (AHIPs). It is recommended that TfNSW consult with relevant AHIP holders to complete the proposed works in these areas under their respective permits. Any works undertaken within existing AHIP areas must be undertaken in accordance with AHIP conditions.

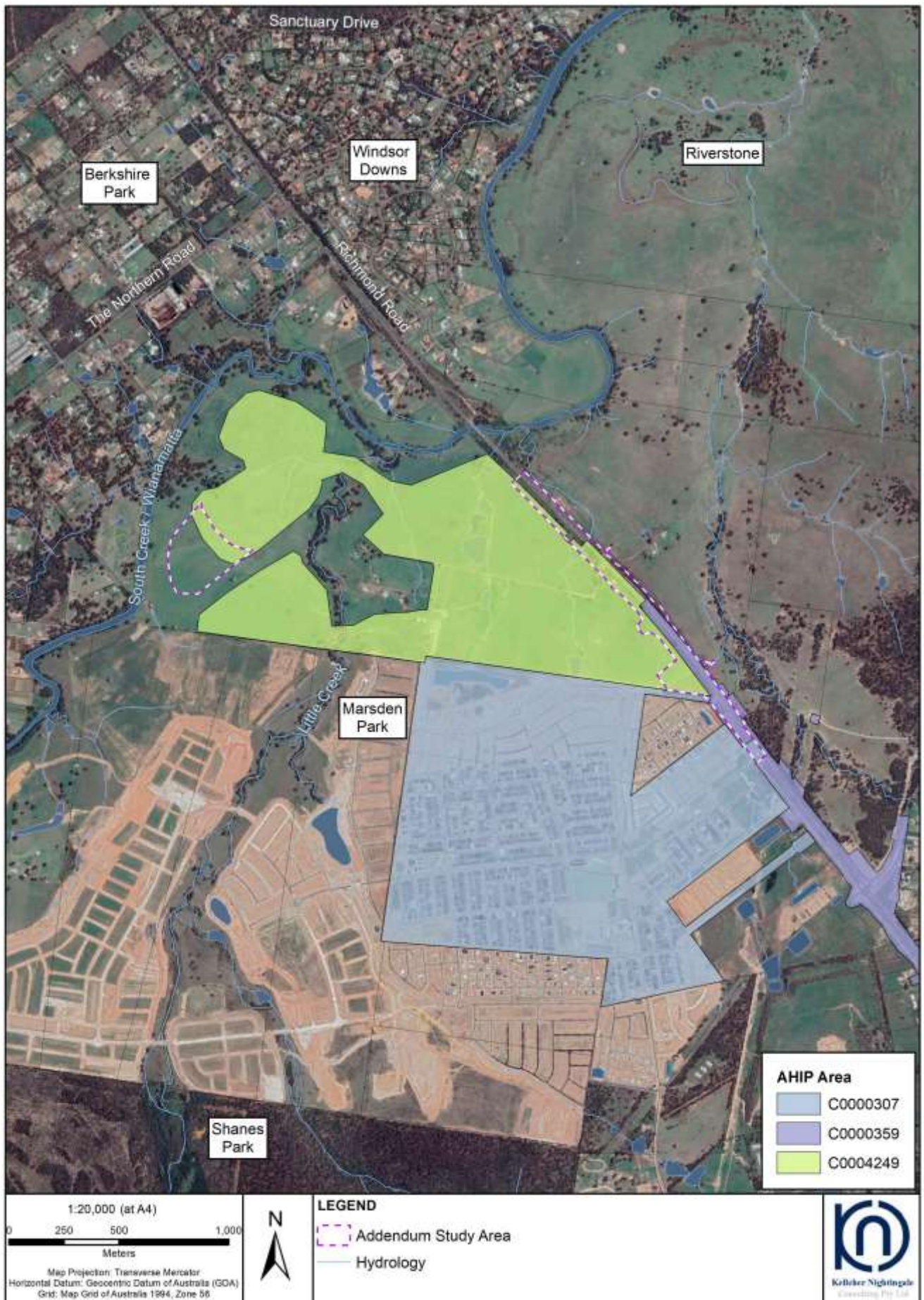


Figure 1. Addendum study area location and existing AHIPs





Figure 2. Addendum study area

## 2 Assessment

### 2.1 Database search (AHIMS) and known information sources

#### 2.2.1 AHIMS web services

The Aboriginal Heritage Information Management System (AHIMS) is a database operated by OEH, regulated under section 90Q of the *National Parks and Wildlife Act 1974*. AHIMS contains information and records related to registered Aboriginal archaeological sites (Aboriginal objects, as defined under the Act) and declared Aboriginal places (as defined under the Act) in NSW. A search of AHIMS was conducted on 4 June 2020 to identify registered (known) Aboriginal sites or declared Aboriginal places within or adjacent to the addendum study area (AHIMS Client Service ID: 511019). The search results are attached as Appendix A.

The AHIMS Web Service database search was conducted within the following coordinates (GDA, Zone 56):

Eastings:	295199 – 299079
Northings:	6269381 – 6271938
Buffer:	0 metres

The AHIMS search results showed:

<b>71</b>	<b>Aboriginal sites are recorded in or near the above location</b>
<b>0</b>	<b>Aboriginal places have been declared in or near the above location</b>

The distribution of recorded Aboriginal sites within these coordinates is shown on Figure 2. The frequencies of site types (site context/features) within the AHIMS database search area are listed in Table 1.

**Table 1. Site features and site context from AHIMS database search**

Site Context	Site Feature	Number	% frequency
Open Site	Artefact	65	91.6
	Artefact; Modified Tree (Scarred or Carved)	1	1.4
	Artefact; Potential Archaeological Deposit	2	2.8
	Modified Tree (Scarred or carved)	1	1.4
	Potential Archaeological Deposit	2	2.8
<b>Total</b>		<b>71</b>	<b>100</b>

A search was undertaken of the following statutory and non-statutory heritage registers for Aboriginal heritage items:

- State Heritage Register and State Heritage Inventory
- Penrith Local Environment Plan 2010
- Liverpool Local Environmental Plan 2008
- Section 170 Heritage and Conservation Registers
- National Heritage List
- Commonwealth Heritage List
- Australian Heritage Database (Register of the National Estate – Non-statutory archive) and
- Australian Heritage Places Inventory (Register of the National Estate – Non-statutory archive).

A heritage listing for the 'Clydesdale – House Barn, Cottage and Farm Landscape' is located within the western portion of the addendum study area. The Clydesdale property is listed on the State Heritage Register (SHR) ID 00674 as archaeologically, historically and socially significant (Figure 3). The SHR listing for Clydesdale notes the Aboriginal archaeological sites recorded on the estate, describing the open campsite and stone artefacts registered on AHIMS. The following statement has been taken from the SHR listing for Clydesdale:

Clydesdale has State significance as one of a series of pre 1840s homesteads in the Hawkesbury area which contributed substantially to the agricultural and pastoral economy of the region, and the understanding of the historical development of colonial New South Wales and the pastoral era of the Cumberland Plain. Its landscape features remain relatively intact, including significant remnant woodlands, Aboriginal relics, two cemeteries (both resting places for the early pioneers of Clydesdale and the district), and its original entry avenue off Richmond Road. The entrance avenue is still discernible for its individual approach and is an example of colonial landscape design that opposed the principles practised in England during the early 19th century.

The house retains its original relationship to its landscape setting and farm and is the only remaining example of the lowland model of homestead siting in the Blacktown area and one of three remaining examples intact on the Cumberland Plain. The site derives additional significance for its use as one of only two Marist seminaries in Australia for training South Sea Islander priests in the 1860s, and as a RAAF convalescent home during the 1940s.

An AHIP (AHIP #C0004249) was granted on 18 January 2019 for impacts to sites C-IF-1/Clydesdale, C-IF-2 and C-OS-1 located on the Clydesdale Estate. None of these sites were identified within the current addendum study area. Any works related to the current proposal undertaken within this AHIP area will be required to comply with the AHIP conditions. A Section 60 permit has also been applied for in relation to historical (non-Aboriginal) heritage, in accordance with the Clydesdale Estate, Marsden Park Conservation Management Plan (GBA Heritage 2016). Future TfNSW works in Clydesdale will need to comply with the Section 60 conditions.

### **2.2.3 Review of Aboriginal heritage assessments in the area**

A comprehensive background review of previous archaeological investigations was undertaken as part of the PACHCI Stage 2 PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard and Heritage Road, Aboriginal Archaeological Survey Report (KNC 2019 Section 3).

As a result of database searches and a review of previous archaeological investigations for the current project it was established that four Aboriginal archaeological sites (comprising six AHIMS registrations) were situated within the PACHCI Stage 2 study area. These sites comprised Marsden Park Echo Vale No 2 Riverstone Meatworks (includes MPIA9 and MPAS3), MPAS6, C-IF-1/Clydesdale and C-ST-1.

One of these Aboriginal archaeological sites, MPAS6 (AHIMS 45-5-5003) extends into the current addendum study area, north of Richmond Road. MPAS6 was originally identified during an investigation in 2018 of the land adjoining the addendum study area to the north of Richmond Road (Artefact Heritage 2018). Site MPAS6 was an artefact scatter site measuring approximately 192 x 37 metres identified on a low-lying landform associated with a tributary of South Creek. A total of 56 artefacts were identified at the site, eroding out of the slope. The site was identified in an area of high archaeological sensitivity and contained potential for subsurface archaeological deposits. The site was determined to be of high archaeological significance.

The site location was revisited during archaeological survey undertaken for the current project. The site was considered to extend further to the north and east on the basis of landform, encompassing the slightly elevated spur running to the northwest from the central ridge line. The site was assessed as having high archaeological potential due to the potential for intact subsurface deposits, artefact density and the site's proximity to South Creek. No additional artefacts were identified at the site by the survey team (KNC 2019).

Additional parts of the addendum study area located in the Clydesdale property have been previously assessed and surveyed as a result of several Aboriginal archaeological assessments undertaken by KNC. These include the *Marsden Park Precinct Aboriginal Heritage Assessment* (KNC 2012), *Clydesdale Estate: 1270 Richmond Road, Marsden Park: Aboriginal Archaeological Due Diligence Assessment* (KNC 2016) and *Clydesdale Estate, Marsden Park: Cultural Heritage Assessment Report* (KNC 2017). No Aboriginal archaeological sites, areas of PAD or areas of Aboriginal archaeological sensitivity were identified within the addendum study area.

AHIP #C0004249 was granted on 18 January 2019 for the Clydesdale Estate. This AHIP covers a portion of the addendum study area. Any works related to the current proposal undertaken within this existing AHIP area will be required to comply with the AHIP conditions.

Any works undertaken related to the current proposal will also need to comply with the Clydesdale Estate Conservation Management Plan prepared by GBA Heritage Pty Ltd (2016) in relation to Aboriginal heritage.





Figure 3. AHIMS search results for the addendum study area



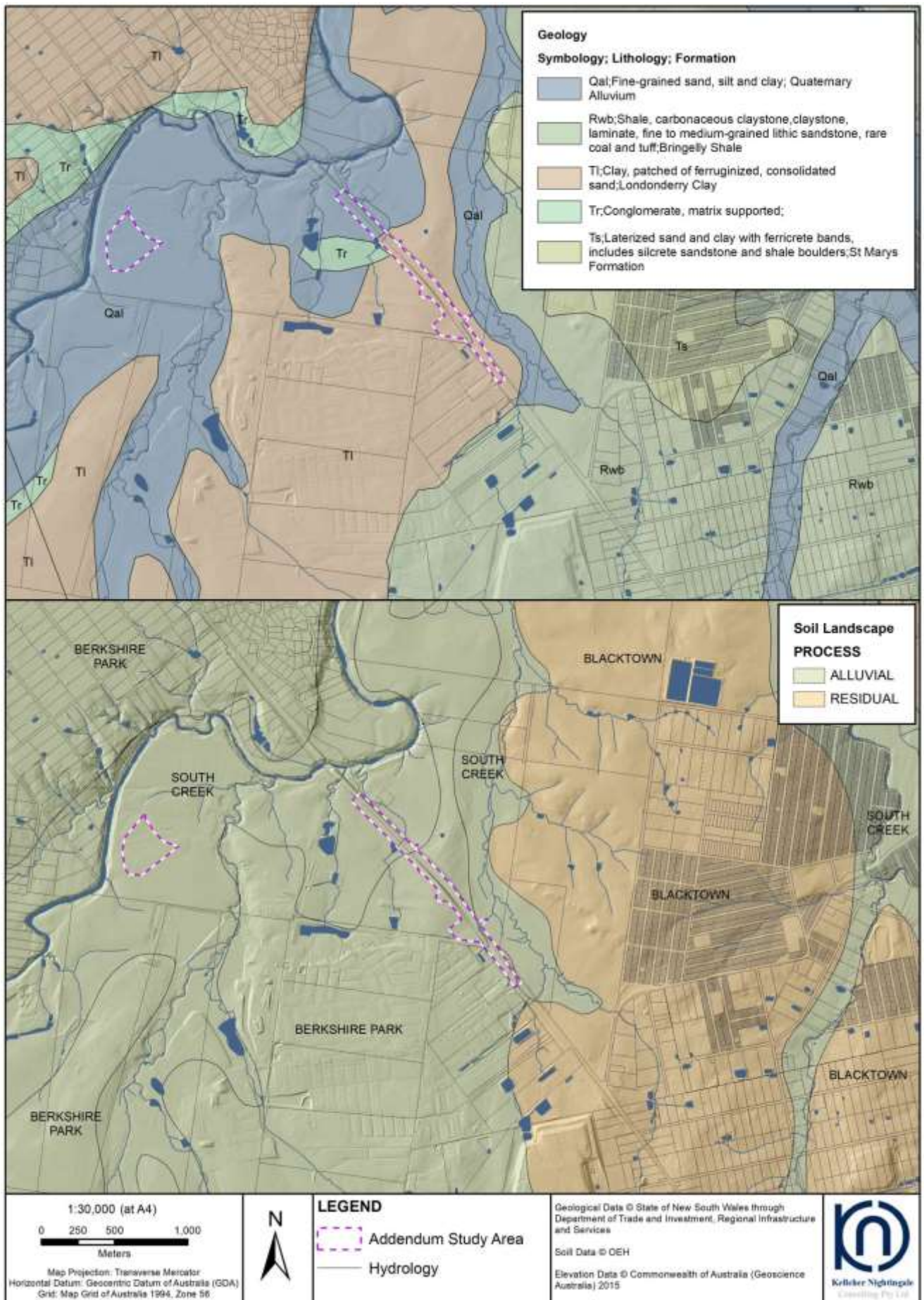


Figure 4. Soils and geology of the addendum study area

## 2.2 Landscape context

An extensive landscape assessment was undertaken as part of the PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard and Heritage Road, Aboriginal Archaeological Survey Report (KNC 2019 Section 4).

The addendum study area is located on the Cumberland Plain, a low lying and gently undulating subregion of the Sydney Basin. The Sydney Basin is a large geological feature that stretches from Batemans Bay to Newcastle and west to Lithgow. The formation of the basin began between 300 to 250 million years ago when river deltas gradually replaced the ocean that had extended as far west as Lithgow (Clark and Jones 1991). The Cumberland Plain extends from 10 km north of Windsor in the north to Picton in the south. The western boundary of the plain is along the Nepean/Hawkesbury River, while the eastern boundary occurs at the shale/sandstone interface near the inner western suburbs of Sydney.

The underlying geology of the study area comprises three units associated with the South Creek floodplain (Figure 5). Quaternary Alluvium is a relatively recent deposit of fine-grained sands, silts and clays. Quaternary alluvial deposits across the Cumberland Plain occur in association with more permanent waterways and cyclical episodes of fluvial erosion and deposition, in this case occurring along South Creek and associated floodplain. Fluvial activity during the Tertiary Period resulted in the deposition of gravels and finer sediments called Londonderry Clay. Londonderry Clay is present across the majority of the study area. The Londonderry Clay consists of mottled red-grey, moderately to highly plastic clay with sandy lenses and iron-cemented sand clay aggregates. Patches of ferruginized consolidated sand are also present and influence the soil deposits within the study area. Exposed deposits of Rickabys Creek gravels are noted within the vicinity and often associated with Aboriginal archaeological sites as they were exploited for the quality stone material consisting of chert and silcrete.

Soils within the addendum study area are related to the underlying geology and topography. The South Creek soil profile can be found along the floodplain of South Creek and its associated tributaries. The South Creek soil landscape is characterised by deep to very deep alluvial sediments, loams and clays, susceptible to erosion and frequent flooding. In general, the South Creek soil profile of the study area matches the distribution of the Quaternary Alluvium. Moving away from the floodplain of South Creek, the Berkshire Park soil profile can be found in the elevated central portion of the study area. Berkshire Park soils are characterised by often mottled orange heavy clays and clayey sands with ironstone nodules throughout. The Berkshire Park soil profile is associated with both the Rickabys Creek Gravel and the Londonderry Clay geologic formations.

The distribution of native vegetation within the study area has been affected by historic and contemporary European land use practices in the region. Prior to 1788, a mixture of native vegetation communities would have extended across the entirety of the Cumberland Plain with distribution determined by a combination of factors including soil, terrain and climate. The clearance of native vegetation across the majority of the study area by European settlers has left remnant areas of native vegetation adjacent to South Creek and some of its tributaries. These areas are classified as Shale Gravel Transitional Forest and Alluvial Woodland.

European settlement of the area began in the early 19th century with several land grants in the region. The land grants were primarily utilised for agricultural or pastoral land use and widespread native vegetation clearance was conducted in order to prepare the land. In the succeeding centuries, land use within the region has remained primarily associated with farming; however, recent urban development has begun to transform the area. Past and present land use practices have had a variable impact on the landscape within the addendum study area.

Activities associated with the construction of the Richmond Road corridor have modified the landscape by creating cuttings and artificial embankments in addition to modifying the course of several waterways. Construction activities related to infrastructure have also modified the landscape and disturbed subsurface deposits.

### 2.3 Archaeological survey

The addendum study area was inspected and assessed in May 2020 by Matthew Kelleher (KNC). The aim of the inspection was to determine if any Aboriginal archaeological sites or areas of archaeological were situated within the addendum study area. An additional aim was to assess the existing site boundary for previously registered sites in close proximity, and to assess MPAS6 (AHIMS 45-5-5003), which background research identified extended to the addendum study area.

Inspection was undertaken along the Richmond Road corridor. Additional survey confirmed that the road corridor had been subject to disturbance associated with drainage infrastructure, utilities and construction of the existing road. Some scattered vegetation remained along both road verges in the form of trees, shrubs and high grasses. The entirety of the addendum study area encompassing the Richmond Road corridor displayed little to no archaeological potential. This was consistent with previous survey results. Ground surface visibility within the road verge was generally low (<5%), due to the presence of high grasses, shrubs, gravels and rubbish. No new Aboriginal archaeological sites or areas of archaeological potential were identified within the addendum study area.

Particular attention was paid to the site location for previously registered artefact scatter MPAS6 (AHIMS 45-5-5003) to determine the exact location of the previously identified site boundary. The site location was revisited and inspection confirmed that the site did not extent into the addendum study area and will not be impacted by the proposed works.



**Plate 1. View facing north, showing ground surface modification and filled sloping road embankment to fenceline (left) with location of AHIMS site MPAS6 in background(right).**



**Plate 2. View north across AHIMS site MPAS6 within paddock north of the Richmond Road corridor, along boundary of addendum study area.**

### 2.4 Summary of results

One previously registered AHIMS site (MPAS6) was identified immediately north of the current addendum study area along Richmond Road. Previously registered site C-ST-1 (AHIMS 45-5-2753) was identified within close proximity to the addendum study area. Inspection of the site area boundary and the addendum study area boundary confirmed that MPAS6 (AHIMS 45-5-5003) did not extend into the addendum study area which encompassed the disturbed road verge.

The inspection found that the addendum study area had been extensively altered by ground surface disturbance related to road construction, drainage and utilities, reducing the likelihood of Aboriginal objects or intact archaeological deposit to occur. Desktop assessment and survey confirmed that the addendum study area displayed no potential for intact archaeological deposits.





Figure 5. Survey results showing Aboriginal heritage bordering the addendum study area

### 3 Impact Assessment

TfNSW propose the upgrade of Richmond Road in Marsden Park. Subsequent modifications to the study area during the detailed design phase for the project have identified one additional area to be utilised as flood storage within the Clydesdale Estate property and the refinement of the construction footprint along the Richmond Road corridor.

Additional assessment determined that no Aboriginal archaeological objects/site or areas of archaeological potential are located within the addendum study area. No Aboriginal archaeological objects/sites or areas of archaeological potential will be impacted by the proposed works within the addendum study area.

### 4 Conclusions and Recommendations

Background research identified two previously registered AHIMS sites MPAS6 (AHIMS 45-5-5003) and C-ST-1 (AHIMS 45-5-2753) bordering the addendum study area. The archaeological survey confirmed that MPAS6 did not extend into the addendum study area. Significant disturbance of ground surfaces in the addendum study area has impacted on the soils resulting in a nil/low potential for Aboriginal objects to occur.

No Aboriginal archaeological objects/sites or areas of archaeological potential will be impacted by the proposed works within the addendum study area. The location of the identified archaeological sites (Figure 4) should be avoided by all pre-construction and construction activities. MPAS6 (AHIMS 45-5-5003) and C-ST-1 (AHIMS 45-5-2753) should be demarcated on the CEMP, temporary fencing may be appropriate along the project boundary at these locations to ensure no inadvertent impacts.

Any further changes to the addendum study area alignment should be assessed for consistency with the agreed Aboriginal heritage management strategy set forth in the PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard to Heritage Road: Aboriginal Archaeological Survey Report (2019).

Any project works undertaken within the Clydesdale Property should be undertaken in accordance with measures relating to Aboriginal heritage as set forth in the Clydesdale Estate Conservation Management Plan (GBA Heritage Pty Ltd 2016).

The proposed works overlap several areas that have been previously assessed for their Aboriginal cultural heritage values and are covered under existing Aboriginal Heritage Impact Permits (AHIPs). It is recommended that TfNSW consult with relevant AHIP holders to complete the proposed works in these areas under their respective permits. Any works undertaken within existing AHIP areas must be undertaken in accordance with AHIP conditions.

This addendum report should be appended to the PACHCI Stage 2 Richmond Road Upgrade – Elara Boulevard to Heritage Road: Aboriginal Archaeological Survey Report (KNC 2019).

## References

- Artefact Heritage, 2018. North West Growth Centre: Marsden Park North Precinct: Aboriginal Heritage Assessment. Report prepared for Marsden Park North Release Group on behalf of Urbis.
- Bannerman, S.M., Hazelton, P.A. and Tille, P.J., 1990. Penrith 1:100,000 Soil Landscape Series Sheet 9030. Soil Conservation Service of NSW, Sydney.
- Clark, N.R. and Jones, D.C., (Eds) 1991. Penrith 1:100,000 Geological Sheet 9030. New South Wales Geological Survey, Sydney
- GBA Heritage Pty Ltd, 2016. Conservation Management Plan, Clydesdale Estate, 1270 Richmond Road, Marsden Park NSW.
- Kelleher Nightingale Consulting Pty Ltd (KNC), 2019. Richmond Road Upgrade – Elara Boulevard to Heritage Road: Aboriginal Archaeological Survey Report - Stage 2 PACHCI. Report to Roads and Maritime Services NSW.
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- KNC, 2012. Marsden Park Precinct: Preliminary Aboriginal Heritage Assessment. Report to Winten Property Group and Department of Planning and Infrastructure.
- Office of Environment and Heritage (OEH), 2010. *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales: Part 6 National Parks and Wildlife Act 1974*. Department of Environment, Climate Change and Water NSW, Sydney.
- OEH, September 2010. *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*. Department of Environment, Climate Change and Water, Sydney.
- Roads and Maritime Services NSW, 2011. *Procedure for Aboriginal Cultural Heritage Consultation and Investigation (PACHCI)*.

Appendix A Extensive Search Results



Office of Environment & Heritage

AHIMS Web Services (AWS)  
Extensive search - Site list report

Your Ref/PO Number : 1943

Client Service ID : 511019

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	Site Features	Site Types	Reports
45-5-2735	WD9 <b>Contact</b>	AGD	56	297700	6271350	Open site	Valid	Artefact :-		3327
	<b>Recorders</b> Ms.Alison Nightingale							<b>Permits</b>		
45-5-2750	C-IP-1/Clydesdale <b>Contact</b>	AGD	56	297530	6270640	Open site	Valid	Artefact :-		98040
	<b>Recorders</b> Central West Archaeological and Heritage Services Pty Ltd							<b>Permits</b> 4357		
45-5-2751	C-IP-2 <b>Contact</b>	AGD	56	297200	6270580	Open site	Valid	Artefact :-		98040
	<b>Recorders</b> Central West Archaeological and Heritage Services Pty Ltd							<b>Permits</b> 4357		
45-5-2752	C-OG-1/Clydesdale <b>Contact</b>	AGD	56	297600	6270120	Open site	Valid	Artefact :-		98040
	<b>Recorders</b> Central West Archaeological and Heritage Services Pty Ltd							<b>Permits</b> 4357		
45-5-2753	C-IT-1 <b>Contact</b>	AGD	56	297510	6270740	Open site	Valid	Modified Tree (Carved or Scarred) :-		
	<b>Recorders</b> Central West Archaeological and Heritage Services Pty Ltd							<b>Permits</b>		
45-5-4703	Woorong Park Residual Blze 1 <b>Contact</b>	GDA	56	295378	6269826	Open site	Destroyed	Artefact :-, Potential Archaeological Deposit (PAD) :-		
	<b>Recorders</b> AECOM Australia Pty Ltd - Sydney,AECOM Australia Pty Ltd - Sydney,Mr.Luke Kirk							<b>Permits</b> 3964		
45-5-4704	South Creek Alluvial Landscape <b>Contact</b>	GDA	56	295585	6270087	Open site	Destroyed	Artefact :-, Potential Archaeological Deposit (PAD) :-		
	<b>Recorders</b> AECOM Australia Pty Ltd - Sydney,AECOM Australia Pty Ltd - Sydney,Mr.Luke Kirk							<b>Permits</b> 3964		
45-5-4695	Woorong Park Isolated Artefact 5 <b>Contact</b>	GDA	56	295721	6269739	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> AECOM Australia Pty Ltd - Sydney,AECOM Australia Pty Ltd - Sydney,Mr.Luke Kirk							<b>Permits</b> 3964		
45-5-4697	Woorong Park Isolated Artefact 6 <b>Contact</b>	GDA	56	295841	6269665	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> AECOM Australia Pty Ltd - Sydney,AECOM Australia Pty Ltd - Sydney,Mr.Luke Kirk							<b>Permits</b> 3964		
45-5-4699	Woorong Park Artefact Scatter 2 <b>Contact</b>	GDA	56	296108	6270011	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> AECOM Australia Pty Ltd - Sydney,AECOM Australia Pty Ltd - Sydney,Mr.Luke Kirk							<b>Permits</b> 3964		
45-5-4637	WOORONG 7 <b>Contact</b>	GDA	56	296415	6269928	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms.Vanessa Hardy,Ms.Vanessa Hardy							<b>Permits</b> 3956		
45-5-4638	WOORONG 8 <b>Contact</b>	GDA	56	296775	6270011	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms.Vanessa Hardy,Ms.Vanessa Hardy							<b>Permits</b> 3956		
45-5-4639	WOORONG 9 <b>Contact</b>	GDA	56	296608	6269481	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms.Vanessa Hardy,Ms.Vanessa Hardy							<b>Permits</b> 3956		
45-5-4640	WP7 <b>Contact</b>	GDA	56	296471	6270090	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms.Vanessa Hardy							<b>Permits</b> 3956		
41-5-0013	WP8 <b>Contact</b>	GDA	56	296660	6270104	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms.Vanessa Hardy							<b>Permits</b> 3956		

Report generated by AHIMS Web Service on 04/06/2020 for Matthew Kelleher for the following area at Datum :GDA, Zone : 56, Eastings : 295199 - 299079, Northings : 6269381 - 6271938 with a Buffer of 0 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 71

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### AHIMS Web Services (AWS) Extensive search - Site list report

Your Ref/PO Number : 1943

Client Service ID : 511019

SiteID	SiteName	Datum	Zone	Eastings	Northings	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-5-4641	WP9 <b>Contact</b>	GDA	56	296639	6270021	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms Vanessa Hardy							<b>Permits</b>	3956	
45-5-4642	WP10 <b>Contact</b>	GDA	56	296743	6270305	Open site	Destroyed	Artefact :-		
	<b>Recorders</b> Ms Vanessa Hardy							<b>Permits</b>	3956	
45-5-0267	Qydesdale ERG 31 <b>Contact</b>	AGD	56	296540	6270940	Open site	Valid	Artefact :- Modified Tree (Curved or Scarred) :-	Open Camp Site, Scarred Tree	260,494,1018.1 119,98187
	<b>Recorders</b> Margrit Koetting							<b>Permits</b>		
45-5-0578	Blacktown Northwest 7: Riverstone Meatworks <b>Contact</b>	AGD	56	298540	6270100	Open site	Valid	Artefact :-	Open Camp Site	1007
	<b>Recorders</b> Jim Kohen							<b>Permits</b>		
45-5-0583	Marsden Park Echo Vale No 1 Riverstone Meatworks <b>Contact</b>	AGD	56	298600	6269600	Open site	Valid	Artefact :-	Open Camp Site	
	<b>Recorders</b> Julie Stockton							<b>Permits</b>		
45-5-0584	Marsden Park Echo Vale No 2 Riverstone Meatworks <b>Contact</b>	AGD	56	298600	6269800	Open site	Partially Destroyed	Artefact :-	Open Camp Site	1007
	<b>Recorders</b> Julie Stockton, Julie Stockton							<b>Permits</b>	3697	
45-5-4162	WP 2 (Woorong Park) <b>Contact</b>	GDA	56	297390	6269942	Open site	Destroyed	Artefact : 1		
	<b>Recorders</b> Ms Vanessa Hardy, Kelleher Nightingale Consulting Pty Ltd							<b>Permits</b>	3685	
45-5-4163	WP 3 (Woorong Park) <b>Contact</b>	GDA	56	296679	6270246	Open site	Destroyed	Artefact : 2		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd							<b>Permits</b>	3956	
45-5-4164	WP6 <b>Contact</b>	GDA	56	295938	6269646	Open site	Destroyed	Artefact : 5		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd, AECOM Australia Pty Ltd - Sydney, Doctor, J							<b>Permits</b>	3964	
45-5-4165	WP 4 (Woorong Park) <b>Contact</b>	GDA	56	296625	6269831	Open site	Destroyed	Artefact : 7		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd							<b>Permits</b>	3956	
45-5-4169	MFP-06 <b>Contact</b>	GDA	56	296690	6269589	Open site	Destroyed	Artefact : 1		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd							<b>Permits</b>	3956	
45-5-4170	MFP-07 <b>Contact</b>	GDA	56	295309	6270180	Open site	Destroyed	Artefact : 1		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd, AECOM Australia Pty Ltd - Sydney, Doctor, J							<b>Permits</b>	3964	
45-5-4181	MFP-18 <b>Contact</b>	GDA	56	296805	6271233	Open site	Valid	Artefact : 4		
	<b>Recorders</b> Kelleher Nightingale Consulting Pty Ltd							<b>Permits</b>		
45-5-4522	NMP PAD 1 <b>Contact</b>	GDA	56	298636	6270717	Open site	Valid	Potential Archaeological Deposit (PAD) :-		
	<b>Recorders</b> Mr Mark Rawson							<b>Permits</b>		
45-5-4523	NMP PAD 2 <b>Contact</b>	GDA	56	298977	6271327	Open site	Valid	Potential Archaeological Deposit (PAD) :-		
	<b>Recorders</b> Mr Mark Rawson							<b>Permits</b>		

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### AHIMS Web Services (AWS) Extensive search - Site list report

Your Ref/PO Number : 1943

Client Service ID : 511019

SiteID	SiteName	Datum	Zone	Eastings	Northings	Contact	Site Status	SiteFeatures	SiteTypes	Reports
45-5-4590	Woorong 4	GDA	56	296586	6269522	Open site	Destroyed	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy					<b>Permits</b>	3956	
45-5-4591	Woorong 3	GDA	56	296576	6269390	Open site	Destroyed	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy					<b>Permits</b>	3956	
45-5-4592	Woorong 5	GDA	56	296533	6270201	Open site	Destroyed	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy					<b>Permits</b>	3956	
45-5-4593	Woorong 6	GDA	56	296726	6270192	Open site	Destroyed	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy					<b>Permits</b>	3956	
45-5-4949	Elara Keeping Place	GDA	56	296978	6269491	Open site	Valid	Artefact : 1		
	<b>Contact</b>	<b>Recorders</b>	Eco Logical Australia Pty Ltd - Sydney - Individual users,Mr Tyler Beebe					<b>Permits</b>		
45-5-5113	Woorong Park Salvage Reburial	GDA	56	295313	6270436	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	ABCOM Australia Pty Ltd - Sydney,Doctor Andrew Peter McLaren					<b>Permits</b>		
45-5-4970	MF1A0	GDA	56	298689	6270059	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4971	MF1A13	GDA	56	297804	6271531	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4972	MF1A17	GDA	56	297812	6271827	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4974	MF1A1	GDA	56	298911	6269873	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4975	MF1A2	GDA	56	298875	6269890	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4976	MF1A3	GDA	56	298849	6269873	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4977	MF1A4	GDA	56	298840	6269873	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4978	MF1A5	GDA	56	298691	6270050	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4979	MF1A6	GDA	56	298690	6270059	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4980	MF1A7	GDA	56	298689	6270059	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		
45-5-4981	MF1A16	GDA	56	297843	6271668	Open site	Valid	Artefact :-		
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan					<b>Permits</b>		

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**AHIMS Web Services (AWS)**  
Extensive search - Site list report

Your Ref/PO Number : 1943

Client Service ID : 511019

SiteID	SiteName	Datum	Zone	Eastings	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports	
45-5-4982	MFIA14	GDA	56	297843	6271668	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4986	MFIA9	GDA	56	298624	6269966	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4987	MFIA10	GDA	56	298248	6271012	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4988	MFIA11	GDA	56	298250	6271022	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4989	MFIA12	GDA	56	297625	6271282	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4990	MFIA15	GDA	56	297843	6271668	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4994	MFAS4	GDA	56	298668	6270130	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4995	MFAS3	GDA	56	298673	6269900	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4996	MFAS2	GDA	56	298822	6269945	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4997	MFAS1	GDA	56	298990	6269863	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-5003	MFAS6	GDA	56	297623	6271098	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-5004	MFAS5	GDA	56	298285	6270616	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-5006	MFAS8	GDA	56	298401	6271682	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-5007	MFAS7	GDA	56	297749	6271248	Open site	Valid	Artefact :-			
	<b>Contact</b>	<b>Recorders</b>	Artefact - Cultural Heritage Management - Rose Bay, Miss Julia McLachlan								<b>Permits</b>
45-5-4349	MFB04-1	GDA	56	297481	6269457	Open site	Destroyed	Artefact : 1			
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy, Doctor Tim Owen								<b>Permits</b> 3685
45-5-4350	MFS 1-1	GDA	56	298156	6269450	Open site	Destroyed	Artefact : 1			
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy, Doctor Tim Owen								<b>Permits</b> 3685
45-5-4351	MFB02-1	GDA	56	297265	6270124	Open site	Destroyed	Artefact : 1			
	<b>Contact</b>	<b>Recorders</b>	Ms.Vanessa Hardy, Doctor Tim Owen								<b>Permits</b> 3685

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### AHIMS Web Services (AWS) Extensive search - Site list report

Your Ref/PO Number : 1943  
Client Service ID : 511019

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports	
45-5-4352	MFE03-1 <b>Contact</b>	GDA	56	297813	6269910	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,Doctor.Tim Owen								<b>Permits</b>	3685
45-5-4353	MFE1-1 <b>Contact</b>	GDA	56	297087	6270306	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,Doctor.Tim Owen								<b>Permits</b>	3685
45-5-4344	MFE04 <b>Contact</b>	GDA	56	297481	6269457	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,GML Heritage Pty Ltd + Context - Surry Hills								<b>Permits</b>	
45-5-4345	MFS 1 <b>Contact</b>	GDA	56	298156	6269450	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,GML Heritage Pty Ltd + Context - Surry Hills								<b>Permits</b>	
45-5-4346	MFE02 <b>Contact</b>	GDA	56	297265	6270124	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,GML Heritage Pty Ltd + Context - Surry Hills								<b>Permits</b>	
45-5-4347	MFE03 <b>Contact</b>	GDA	56	297813	6269910	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,GML Heritage Pty Ltd + Context - Surry Hills								<b>Permits</b>	
45-5-4348	MFE 1 <b>Contact</b>	GDA	56	297087	6270306	Open site	Destroyed	Artefact : 1			
	<b>Recorders</b>	Ms.Vanessa Hardy,GML Heritage Pty Ltd + Context - Surry Hills								<b>Permits</b>	

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